

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1-6. (Cancelled)

7. (Currently Amended) A power assisted steering system for vehicles comprising:

a pump which feeds to a hydraulic servo actuator and a three-way flow regulator valve which is located at the junction between the pump and the servo actuator;

a measuring throttle in a inflow to the servo actuator, said measuring throttle being a fixed throttle;

an outflow throttle located in a bypass of the servo actuator and via which excess flow of the pump is directed;

the outflow throttle having a variable throttle cross section, the cross section being determined by a piston as a pressure compensator;

the piston, with respect to the volume flow which passes via the measuring throttle, being charged by connection to the inflow side and, in the opposite direction thereto, by connection to the outflow side;

the piston being actuated by a first actuating element which has an actuating path dependent on the actuating force and opposing force and a second actuating

Docket No. F-8301

Serial No.:10/501,745

element having an actively variable actuating force with the effect of varying the volume flow; and

the first actuating element being an elastic actuator member and the second actuating element comprising an actuating member which is adjusted as a function of the current applied

~~The power-assisted steering system as claimed in claims 1 or 2 wherein the actuator element comprises an elastic actuator member.~~

8. (Currently Amended) The power-assisted steering system of as claimed in claim 7, wherein the elastic actuator member is formed by a spring.

9-10. (Cancelled)

11. (Currently Amended) The power-assisted steering system of as claimed in claim 8[[9]], wherein there is a parallel connection of the actuator members are connected in parallel which are formed by a force actuator and a spring.

12. (Cancelled)

Docket No. F-8301

Serial No.: 10/501,745

13. (Currently Amended) The power assisted steering system of claim
7 as claimed in claims 1 or 2 wherein said pump is a the servopump, said seropump
being is-a constant delivery pump.

14. (Currently Amended) The power assisted steering system of claim
7 as claimed in claims 1 or 2 wherein pump is a the servopump, said servo pump
being is-an adjustable pump.

15. (Currently Amended) The power assisted steering system of as
claimed in claim 14, wherein the adjustable pump is actuated by means of the
outflow throttle which is embodied as a pressure compensator.

16. (Currently Amended) The power assisted steering system of as
claimed in claim 15, wherein:

the adjustable pump is spring-loaded to an outlet position;
said outlet piston being which corresponds to at an equilibrium position of
the pressure compensator and being can be set[.,.] in accordance with the
adjustment of the pressure compensator to a working position for providing which
corresponds to the respective required volume flow (Q_{req}) and is assigned to an
equilibrium position of the pressure compensator.

Docket No. F-8301

Serial No.:10/501,745

17. (New) A power assisted steering system comprising:
- a plurality of hydraulic components including a pump, a variable cross section outflow throttle and a three-way flow regulator valve;
- said hydraulic components being connected in a parallel hydraulic loop between a common first hydraulic line and a common second hydraulic line so that said outflow throttle is disposed between said pump and said regulator valve;
- said first hydraulic line being a high pressure forward line;
- said second hydraulic line being a low pressure return line;
- said outflow throttle including a piston charged by said first hydraulic line;
- said piston being actuated by a combination of first and second actuators, said first actuator being an elastic actuator;
- said system further comprising a control unit and a measuring throttle in communication with said control unit, said measuring throttle being disposed in said first hydraulic line for determining a flow through said line; and
- said second actuator being controllable by said control unit for varying a flow volume through said loop.

18. (New) The system of claim 17, wherein the second actuator is a magnetic actuator that is controllable by an applied current.